

☐ **18:** [Dong C, Temann UA, Flavell RA.](#)

[Related Articles](#)

Cutting edge: critical role of inducible costimulator in germinal center reactions.

J Immunol. 2001 Mar 15;166(6):3659-62.

PMID: 11238604 [PubMed - indexed for MEDLINE]

☐ **19:** [Tamura H, Dong H, Zhu G, Sica GL, Flies DB, Tamada K, Chen L.](#)

[Related Articles](#)

B7-H1 costimulation preferentially enhances CD28-independent T-helper cell function.

Blood. 2001 Mar 15;97(6):1809-16.

PMID: 11238124 [PubMed - indexed for MEDLINE]

☐ **20:** [Beier KC, Hutloff A, Dittrich AM, Heuck C, Rauch A, Buchner K, Ludwig B, Ochs HD, Mages HW, KroczeK RA.](#) [Related Articles](#), [Nucleotide](#), [Protein](#)

Induction, binding specificity and function of human ICOS.

Eur J Immunol. 2000 Dec;30(12):3707-17.

PMID: 11169414 [PubMed - indexed for MEDLINE]

Display	Summary	<input type="checkbox"/> Sort	<input type="checkbox"/> Save	Text	Clip Remove	Order
Show: 20	<input type="checkbox"/>	Items 1-20 of 35	Page 1 of 2	Select page: 1 2		

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Freedom of Information Act](#) | [Disclaimer](#)

sparc-sun-solaris2.8 Oct 11 2001 11:05:50

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search PubMed <input type="text" value="for ICOS"/>						Go	Clear	
Limits		Preview/Index		History	Clipboard	Details		

Entrez PubMed

- The Clipboard will hold a maximum of 500 items.
- Clipboard items will be lost after one hour of inactivity.

Display	Summary	<input type="text" value="v"/>	Sort	<input type="text" value="v"/>	Save	Text	Clip Remove	Order
Show	20	Items 1-20 of 35			Page 1 of 2		Select page 1 2	

PubMed Services

- ☐ **1:** Sporici RA, Beswick RL, von Allmen C, Rumbley CA, Hayden-Ledbetter M, Ledbetter JA, Perrin PJ. **Related Articles**
 ICOS ligand costimulation is required for T-cell encephalitogenicity.
 Clin Immunol. 2001 Sep;100(3):277-88.
 PMID: 11513541 [PubMed - indexed for MEDLINE]

- ☐ **2:** Sporici RA, Perrin PJ. **Related Articles**
 Costimulation of memory T-cells by ICOS: a potential therapeutic target for autoimmunity?
 Clin Immunol. 2001 Sep;100(3):263-9. Review.
 PMID: 11513539 [PubMed - indexed for MEDLINE]

Related Resources

- ☐ **3:** Sperling AI. **Related Articles**
 ICOS costimulation: is it the key to selective immunotherapy?
 Clin Immunol. 2001 Sep;100(3):261-2. No abstract available.
 PMID: 11513538 [PubMed - indexed for MEDLINE]

- ☐ **4:** Tesciuba AG, Subudhi S, Rother RP, Faas SJ, Frantz AM, Elliot D, Weinstock J, Matis LA, Bluestone JA, Sperling AI. **Related Articles**
 Inducible costimulator regulates Th2-mediated inflammation, but not Th2 differentiation, in a model of allergic airway disease.
 J Immunol. 2001 Aug 15;167(4):1996-2003.
 PMID: 11489981 [PubMed - in process]

- ☐ **5:** Rottman JB, Smith T, Tonra JR, Ganley K, Bloom T, Silva R, Pierce B, Gutierrez-Ramos JC, Ozkaynak E, Coyle AJ. **Related Articles**
 The costimulatory molecule ICOS plays an important role in the immunopathogenesis of EAE.
 Nat Immunol. 2001 Jul;2(7):605-11.
 PMID: 11429544 [PubMed - indexed for MEDLINE]

- ☐ **6:** Gonzalo JA, Tian J, Delaney T, Corcoran J, Rottman JB, Lora J, Al-garawi A, Kroczeck R, Gutierrez-Ramos JC, Coyle AJ. **Related Articles**
 ICOS is critical for T helper cell-mediated lung mucosal inflammatory responses.
 Nat Immunol. 2001 Jul;2(7):597-604.
 PMID: 11429543 [PubMed - indexed for MEDLINE]

- ☐ **7:** Ozkaynak E, Gao W, Shemmeri N, Wang C, Gutierrez-Ramos JC, Amaral J, Qin S, Rottman JB, Coyle AJ, Hancock WW. **Related Articles**
 Importance of ICOS-B7RP-1 costimulation in acute and chronic allograft rejection.
 Nat Immunol. 2001 Jul;2(7):591-6.
 PMID: 11429542 [PubMed - indexed for MEDLINE]

☐ **8:** Sperling AI, Bluestone JA.

Related Articles

ICOS costimulation: It's not just for TH2 cells anymore.

Nat Immunol. 2001 Jul;2(7):573-4.

PMID: 11429535 [PubMed - indexed for MEDLINE]

☐ **9:** Wallin JJ, Liang L, Bakardjiev A, Sha WC.

Related Articles

Enhancement of CD8+ T cell responses by ICOS/B7h costimulation.

J Immunol. 2001 Jul 1;167(1):132-9.

PMID: 11418641 [PubMed - indexed for MEDLINE]

☐ **10:** Ling V, Wu PW, Miyashiro JS, Marusic S, Finnerty HF, Collins M. Related Articles, Nucleotide, Protein

Differential expression of inducible costimulator-ligand splice variants: lymphoid regulation of mouse GL50-B and human GL50 molecules.

J Immunol. 2001 Jun 15;166(12):7300-8.

PMID: 11390480 [PubMed - indexed for MEDLINE]

☐ **11:** Tafari A, Shahinian A, Bladt F, Yoshinaga SK, Jordana M, Wakeham A, Boucher LM, Bouchard D, Chan VS, Duncan G, Odermatt B, Ho A, Itie A, Horan T, Whoriskey JS, Pawson T, Penninger JM, Ohashi PS, Mak TW. Related Articles, OMIM

ICOS is essential for effective T-helper-cell responses.

Nature. 2001 Jan 4;409(6816):105-9.

PMID: 11343123 [PubMed - indexed for MEDLINE]

☐ **12:** McAdam AJ, Greenwald RJ, Levin MA, Chernova T, Malenkovich N, Ling V, Freeman GJ, Sharpe AH. Related Articles, OMIM

ICOS is critical for CD40-mediated antibody class switching.

Nature. 2001 Jan 4;409(6816):102-5.

PMID: 11343122 [PubMed - indexed for MEDLINE]

☐ **13:** Dong C, Juedes AE, Temann UA, Shresta S, Allison JP, Ruddle NH, Flavell RA. Related Articles, OMIM

ICOS co-stimulatory receptor is essential for T-cell activation and function.

Nature. 2001 Jan 4;409(6816):97-101.

PMID: 11343121 [PubMed - indexed for MEDLINE]

☐ **14:** Schwartz RH.

Related Articles

Immunology. It takes more than two to tango.

Nature. 2001 Jan 4;409(6816):31-2. No abstract available.

PMID: 11343098 [PubMed - indexed for MEDLINE]

☐ **15:** Guo J, Stolina M, Bready JV, Yin S, Horan T, Yoshinaga SK, Senaldi G. Related Articles

Stimulatory effects of B7-related protein-1 on cellular and humoral immune responses in mice.

J Immunol. 2001 May 1;166(9):5578-84.

PMID: 11313397 [PubMed - indexed for MEDLINE]

☐ **16:** Riley JL, Blair PJ, Musser JT, Abe R, Tezuka K, Tsuji T, June CH. Related Articles

ICOS costimulation requires IL-2 and can be prevented by CTLA-4 engagement.

J Immunol. 2001 Apr 15;166(8):4943-8.

PMID: 11290772 [PubMed - indexed for MEDLINE]

☐ **17:** Chambers CA. Related Articles

The expanding world of co-stimulation: the two-signal model revisited.

Trends Immunol. 2001 Apr;22(4):217-23. Review.

PMID: 11274928 [PubMed - indexed for MEDLINE]

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search PubMed	for ICOS					Go	Clear	
Limits		Preview/Index		History		Clipboard		Details

Entrez PubMed

Display	Summary	Sort	Save	Text	Clip Remove	Order
Show: 20	Items 21-35 of 35			Page 2 of 2		Select page: 1/2

PubMed
Services

- ☐ **21:** [Gonzalo JA, Delaney T, Corcoran J, Goodearl A, Gutierrez-Ramos JC, Coyle AJ.](#) Related Articles

Cutting edge: the related molecules CD28 and inducible costimulator deliver both unique and complementary signals required for optimal T cell activation.

J Immunol. 2001 Jan 1;166(1):1-5.

PMID: 11123268 [PubMed - indexed for MEDLINE]

- ☐ **22:** [Buonfiglio D, Bragardo M, Redoglia V, Vaschetto R, Bottarel F, Bonissoni S, Bensi T, Mezzatesta C, Janeway Jr CA, Dianzani U.](#) Related Articles

The T cell activation molecule H4 and the CD28-like molecule ICOS are identical.

Eur J Immunol. 2000 Dec;30(12):3463-7.

PMID: 11093165 [PubMed - indexed for MEDLINE]

- ☐ **23:** [McAdam AJ, Chang TT, Lumelsky AE, Greenfield EA, Boussiotis VA, Duke-Cohan JS, Chernova T, Malenkovich N, Jabs C, Kuchroo VK, Ling V, Collins M, Sharpe AH, Freeman GJ.](#) Related Articles

Mouse inducible costimulatory molecule (ICOS) expression is enhanced by CD28 costimulation and regulates differentiation of CD4+ T cells.

J Immunol. 2000 Nov 1;165(9):5035-40.

PMID: 11046032 [PubMed - indexed for MEDLINE]

Related
Resources

- ☐ **24:** [Wang S, Zhu G, Chapoval AI, Dong H, Tamada K, Ni J, Chen L.](#) Related Articles, OMIM

Costimulation of T cells by B7-H2, a B7-like molecule that binds ICOS.

Blood. 2000 Oct 15;96(8):2808-13.

PMID: 11023515 [PubMed - indexed for MEDLINE]

- ☐ **25:** [Yoshinaga SK, Zhang M, Pistillo J, Horan T, Khare SD, Miner K, Sonnenberg M, Boone T, Brankow D, Dai T, Delaney J, Han H, Hui A, Kohno T, Manoukian R, Whoriskey JS, Coccia MA.](#) Related Articles, OMIM

Characterization of a new human B7-related protein: B7RP-1 is the ligand to the co-stimulatory protein ICOS.

Int Immunol. 2000 Oct;12(10):1439-47.

PMID: 11007762 [PubMed - indexed for MEDLINE]

- ☐ **26:** [Tezuka K, Tsuji T, Hirano D, Tamatani T, Sakamaki K, Kobayashi Y, Kamada M.](#) Related Articles, Nucleotide, Protein

Identification and characterization of rat AILIM/ICOS, a novel T-cell costimulatory molecule, related to the CD28/CTLA4 family.

Biochem Biophys Res Commun. 2000 Sep 16;276(1):335-45.

PMID: 11006126 [PubMed - indexed for MEDLINE]

- ☐ **27:** [Coyle AJ, Lehar S, Lloyd C, Tian J, Delaney T, Manning S, Nguyen T, Burwell T, Schneider H, Gonzalo JA, Gosselin M, Owen LR, Rudd CE, Gutierrez-Ramos JC.](#) Related Articles, OMIM

The CD28-related molecule ICOS is required for effective T cell-dependent immune responses.

Immunity. 2000 Jul;12(1):95-105.
PMID: 10933398 [PubMed - indexed for MEDLINE]

- ☐ **28:** Kopf M, Coyle AJ, Schmitz N, Barner M, Oxenius A, Gallimore A, Gutierrez-Ramos JC, Bachmann MF. **Related Articles**
Inducible costimulator protein (ICOS) controls T helper cell subset polarization after virus and parasite infection.
J Exp Med. 2000 Jul 3;192(1):53-61.
PMID: 10880526 [PubMed - indexed for MEDLINE]
- ☐ **29:** Aicher A, Hayden-Ledbetter M, Brady WA, Pezzutto A, Richter G, Magaletti D, Buckwalter S, Ledbetter JA, Clark EA. **Related Articles, Nucleotide, Protein**
Characterization of human inducible costimulator ligand expression and function.
J Immunol. 2000 May 1;164(9):4689-96.
PMID: 10779774 [PubMed - indexed for MEDLINE]
- ☐ **30:** Mages HW, Hutloff A, Heuck C, Buchner K, Himmelbauer H, Oliveri F, Kroczeck RA. **Related Articles, Nucleotide, Protein**
Molecular cloning and characterization of murine ICOS and identification of B7h as ICOS ligand.
Eur J Immunol. 2000 Apr;30(4):1040-7.
PMID: 10760791 [PubMed - indexed for MEDLINE]
- ☐ **31:** Brodie D, Collins AV, Iaboni A, Fennelly JA, Sparks LM, Xu XN, van der Merwe PA, Davis SJ. **Related Articles**
LICOS, a primordial costimulatory ligand?
Curr Biol. 2000 Mar 23;10(6):333-6.
PMID: 10744980 [PubMed - indexed for MEDLINE]
- ☐ **32:** Ling V, Wu PW, Finnerty HF, Bean KM, Spaulding V, Fouser LA, Leonard JP, Hunter SE, Zollner R, Thomas JL, Miyashiro JS, Jacobs KA, Collins M. **Related Articles, Nucleotide, OMIM, Protein**
Cutting edge: identification of GL50, a novel B7-like protein that functionally binds to ICOS receptor.
J Immunol. 2000 Feb 15;164(4):1653-7.
PMID: 10657606 [PubMed - indexed for MEDLINE]
- ☐ **33:** Yoshinaga SK, Whoriskey JS, Khare SD, Sarmiento U, Guo J, Horan T, Shih G, Zhang M, Coccia MA, Kohno T, Tafuri-Bladt A, Brankow D, Campbell P, Chang D, Chiu L, Dai T, Duncan G, Elliott GS, Hui A, McCabe SM, Scully S, Shahinian A, Shaklee CL, Van G, Mak TW, et al. **Related Articles, Nucleotide, OMIM, Protein**
T-cell co-stimulation through B7RP-1 and ICOS.
Nature. 1999 Dec 16;402(6763):827-32.
PMID: 10617205 [PubMed - indexed for MEDLINE]
- ☐ **34:** Tamatani T, Tezuka K, Hanzawa-Higuchi N. **Related Articles**
AILIM/ICOS: a novel lymphocyte adhesion molecule.
Int Immunol. 2000 Jan;12(1):51-5.
PMID: 10607749 [PubMed - indexed for MEDLINE]
- ☐ **35:** Hutloff A, Dittrich AM, Beier KC, Eljaschewitsch B, Kraft R, Anagnostopoulos I, Kroczeck RA. **Related Articles, Nucleotide, OMIM, Protein**
ICOS is an inducible T-cell co-stimulator structurally and functionally related to CD28.
Nature. 1999 Jan 21;397(6716):263-6.
PMID: 9930702 [PubMed - indexed for MEDLINE]